



Attorney Docket No: 15241US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of:

Eric Ojard

Serial No. 10/822,595

Filed: April 12, 2004

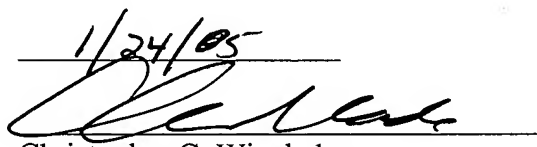
For: METHOD AND SYSTEM FOR  
MODULATING AND  
DEMULATING SIGNALS IN  
ULTRA-WIDE BAND (UWB)  
COMMUNICATION SYSTEMS

Group Art Unit: 2631

Confirmation No.: 2845

**CERTIFICATE OF MAILING**

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1/24/05  
  
Christopher C. Winslade  
Reg. No. 36,308

**TRANSMITTAL OF SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT AFTER APPLICATION FILING DATE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed are the following:

- \* A completed PTO form 1449 (modified) which has one (1) pages.
- \* A copy of each foreign patent or non-patent literature reference listed in the enclosed form 1449 and not previously provided to or by the PTO in this application. Three (3) references are enclosed.
- \* A copy of the European Search Report for the European application, No. 04024109.3 corresponding to the parent of the above application.

## FEE DETERMINATION

- \* No fee is believed to be due because:
  - \* In accordance with 37 CFR §1.97(e), each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three months prior to the filing of this statement.

## FEE PAYMENT

The following arrangements have been made to pay the fees calculated above:

- \* No fee is believed to be due.

The Commissioner is hereby authorized to charge any additional fees which are presently required, or credit any overpayment, to Deposit Account No. 13-0017.

## REQUEST FOR CONSIDERATION

This paper and enclosures are believed to be entitled to consideration under 37 C.F.R. § 1.97, based on the facts stated above.

This submission is in no way intended as an admission that the cited references constitute prior art under any subsection of 35 U.S.C. § 102 or §103. Applicant expressly retains the right to argue that any of the cited references are not indeed prior art or to take any actions necessary to remove any of the cited references from the available prior art.

The Examiner is requested to initial both copies of the enclosed PTO-1449 (modified) and return one copy to the applicants to indicate consideration of the enclosed references.

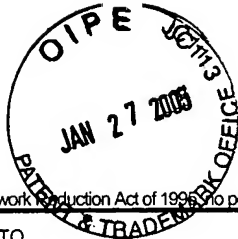
Respectfully submitted,

Date: 1/27/05



Christopher C. Winslade  
Reg. No. 36,308

McAndrews, Held & Malloy  
500 West Madison Street, Suite 3400  
Chicago, Illinois 60661  
(312) 775-8000



PTO/SB/08a (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/822,595
Filing Date	April 12, 2004
First Named Inventor	Eric Ojard
Art Unit	2631
Examiner Name	Not yet assigned
Attorney Docket Number	15241US02

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	A1	US 6 237 311 B1	12-4-2001	OJARD, ERIC J	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A2	NAMGOONG W: "A Channelized Digital Ultrawideband Receiver"; IEEE Transactions on Wireless Communications, IEEE, Piscataway, US; Volume 2, Number 3, May 2003, Pages 502-510; XP001163633; ISSN: 1536-1276	
	A3	Y MA ET AL: "Acquisition Performance Of An Ultra Wide-band Communications System Over A Multiple-Access Fading Channel", IEEE Conference on Ultra Wideband Systems and Technologies, 21 May 2002, pages 99-103; XP002310817	
	A4	RAMIREZ-MIRELES F: "Performance of Ultrawideband SSMA Using Time Hopping and M-ary PPM", IEEE Journal on Selected Areas in Communications, IEEE Inc., New York, US; Volume 19, Number 6, June 2001, pages 1186-1196; XP001103037; ISSN: 0733-8716	

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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